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(54) Title: SENSORS

(57) **Abstract:** In a zirconia oxygen sensor utilising a diffusion hole, the hole is made by inserting an organic fibre or element in the green ceramic and firing to destroy the fibre or element and leave a hole in its place. A package for a sensor is described in which the wire/posts for the electrical connections also form a cage to hold the sensor, heater(s) and thermal insulation firmly and plug into an electrical socket.

WO 2004/035504 A2